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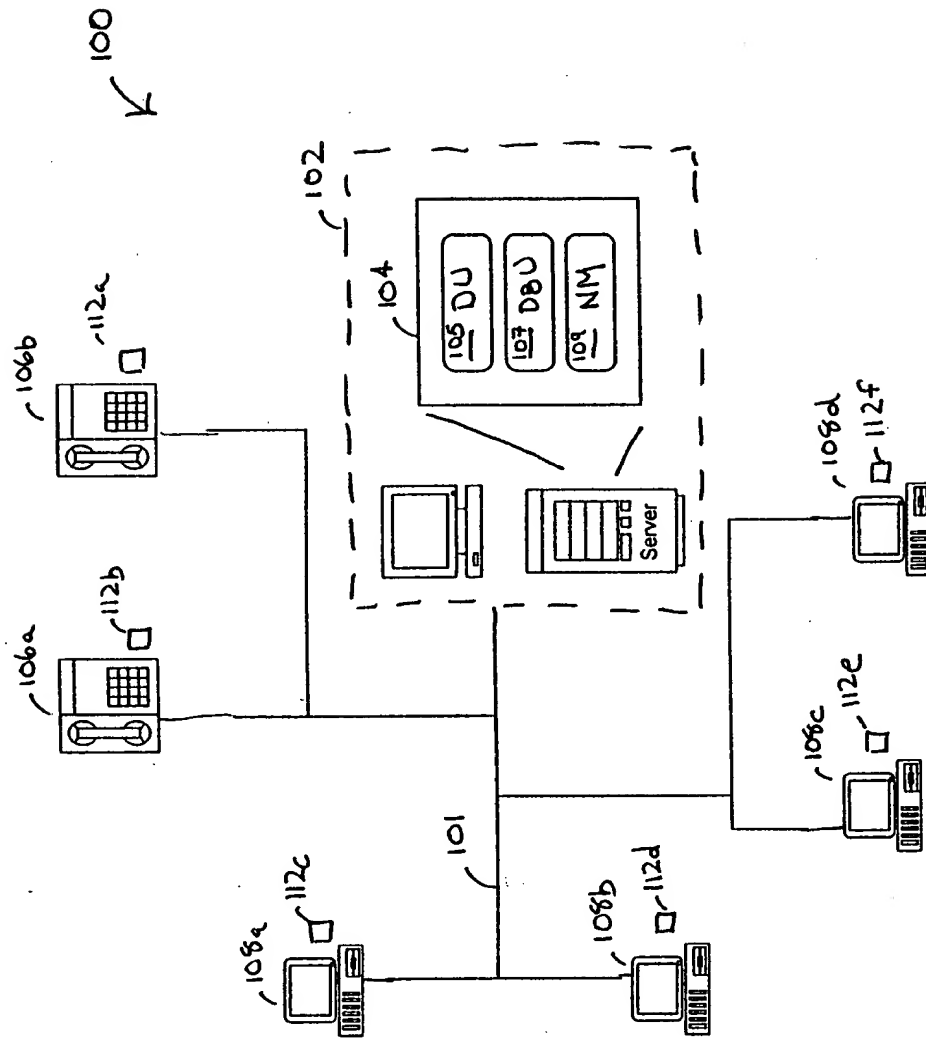


FIG. 1

0039990199 66T260" 206666E60

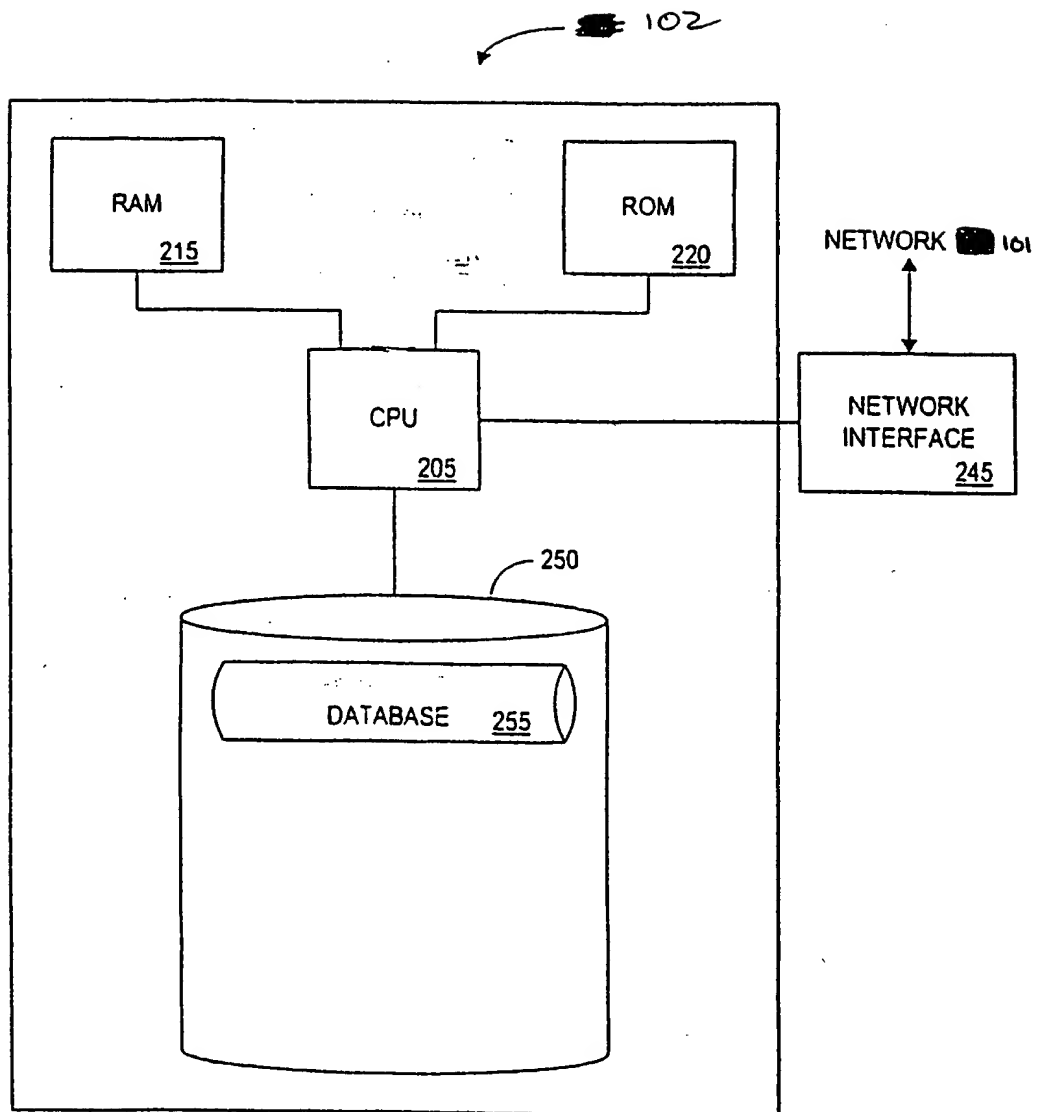


FIG. 2

667260*20666660

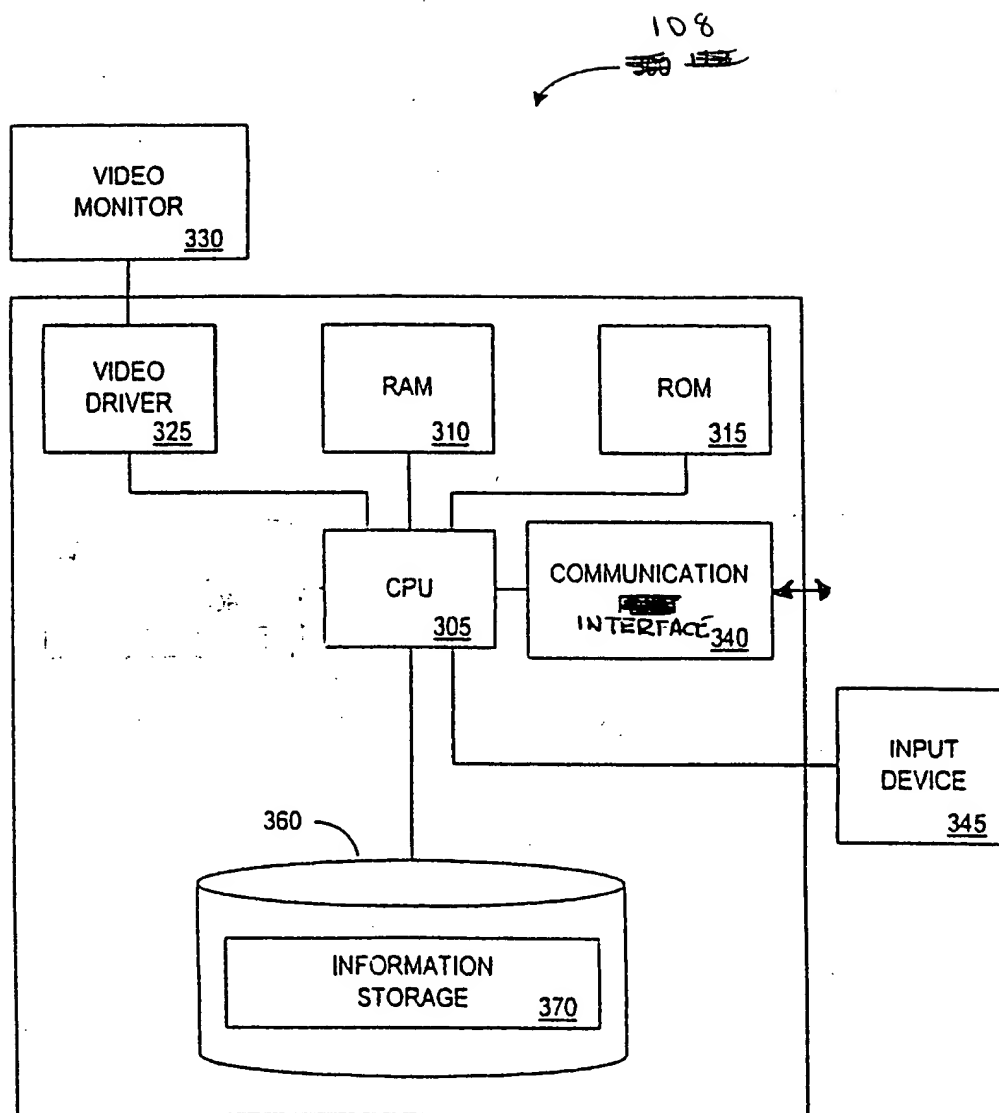


FIG.3

667260 20666E60

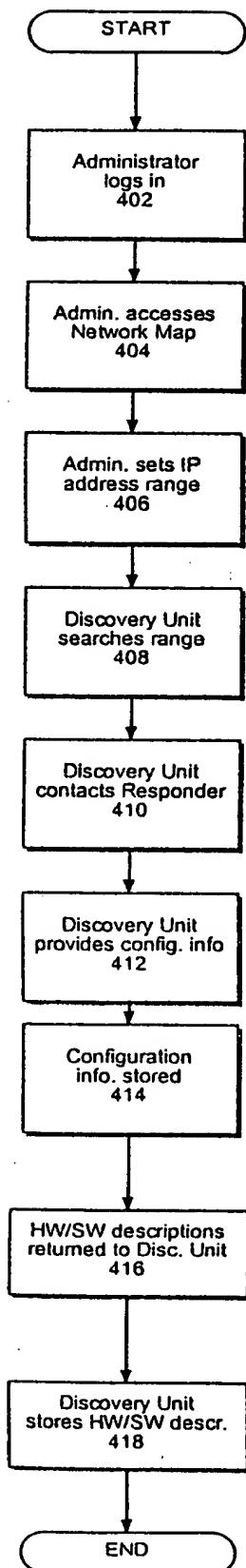


FIG. 4

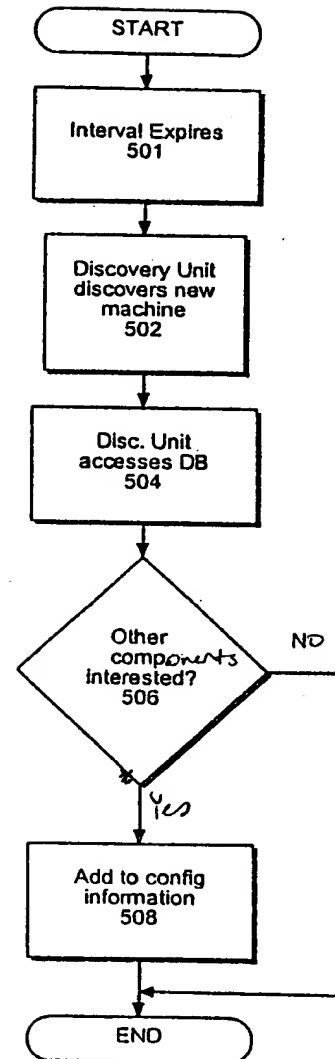


FIG. 5

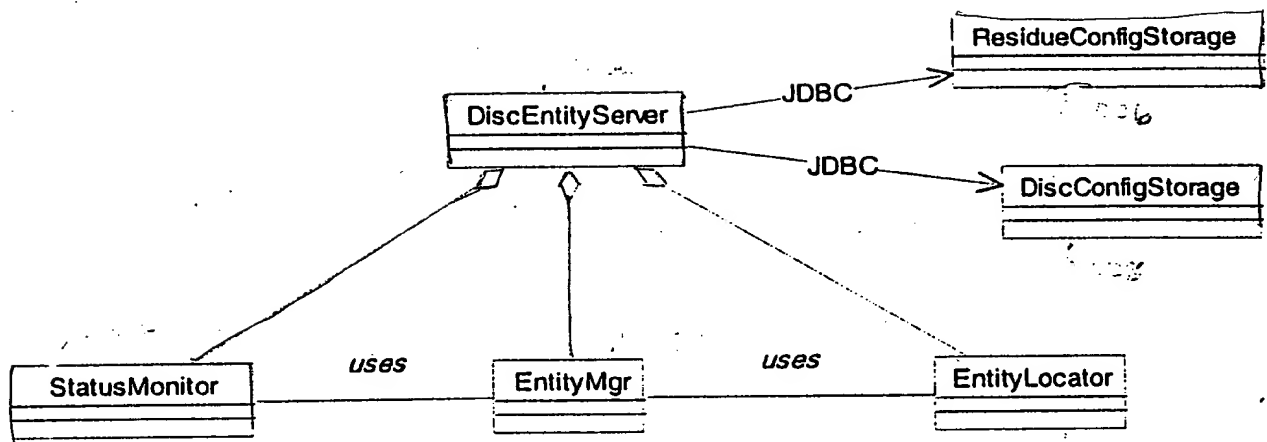
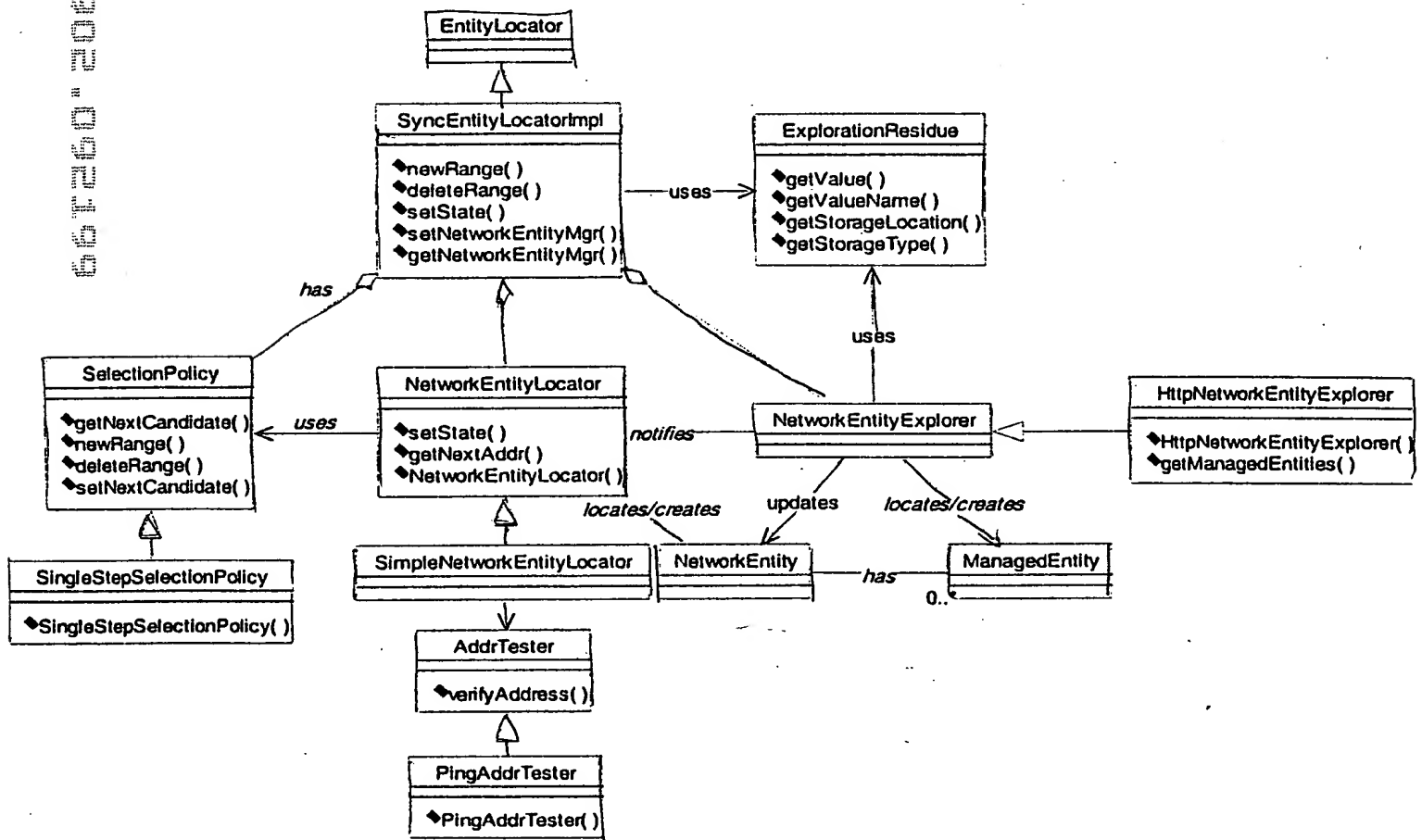


Figure 6: High Level Classes in DiscApplication

FIG. 6



EntityLocator Implementation

FIG. 7

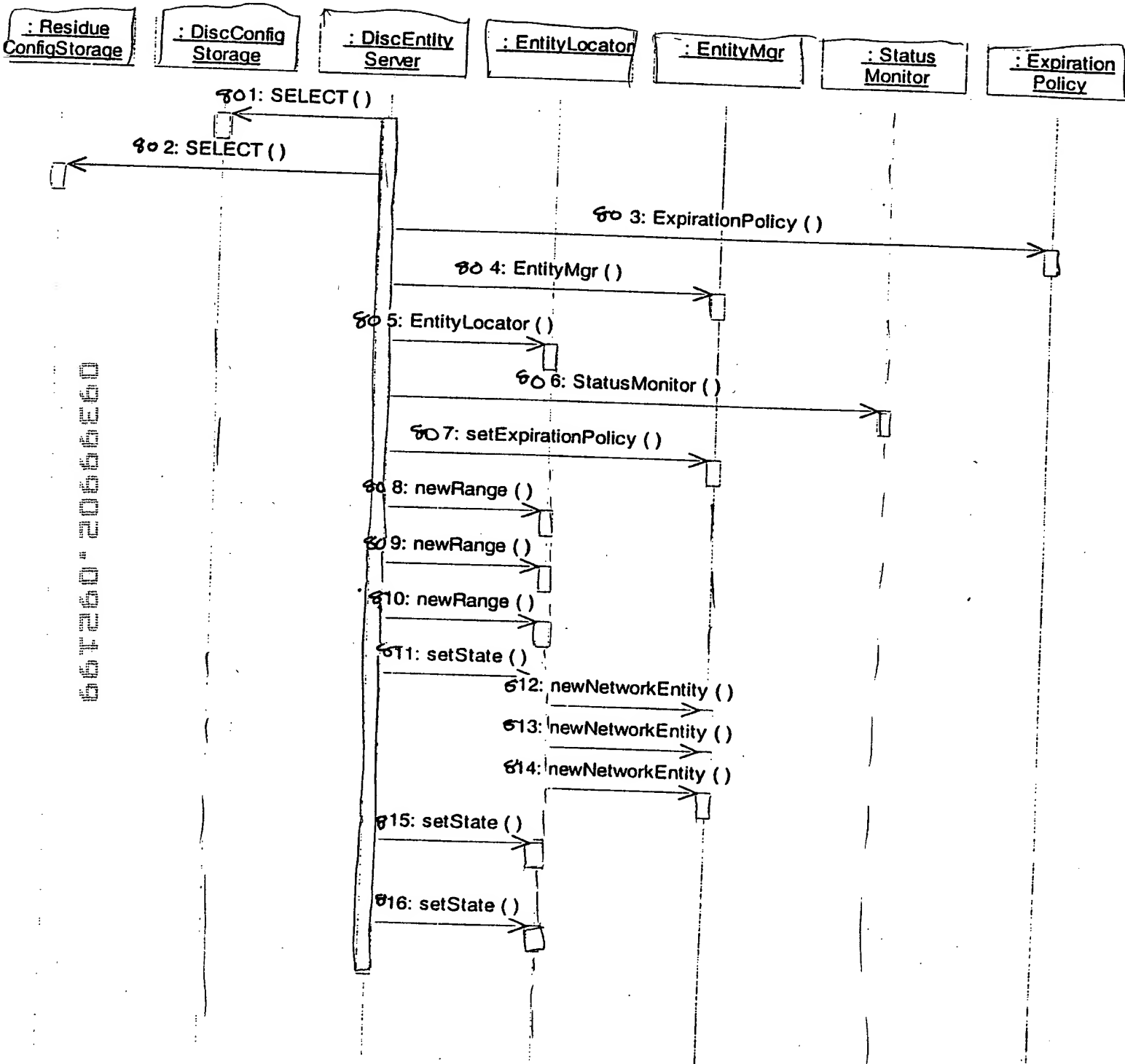


Fig. 8

Starting and running the DiscEntityServer

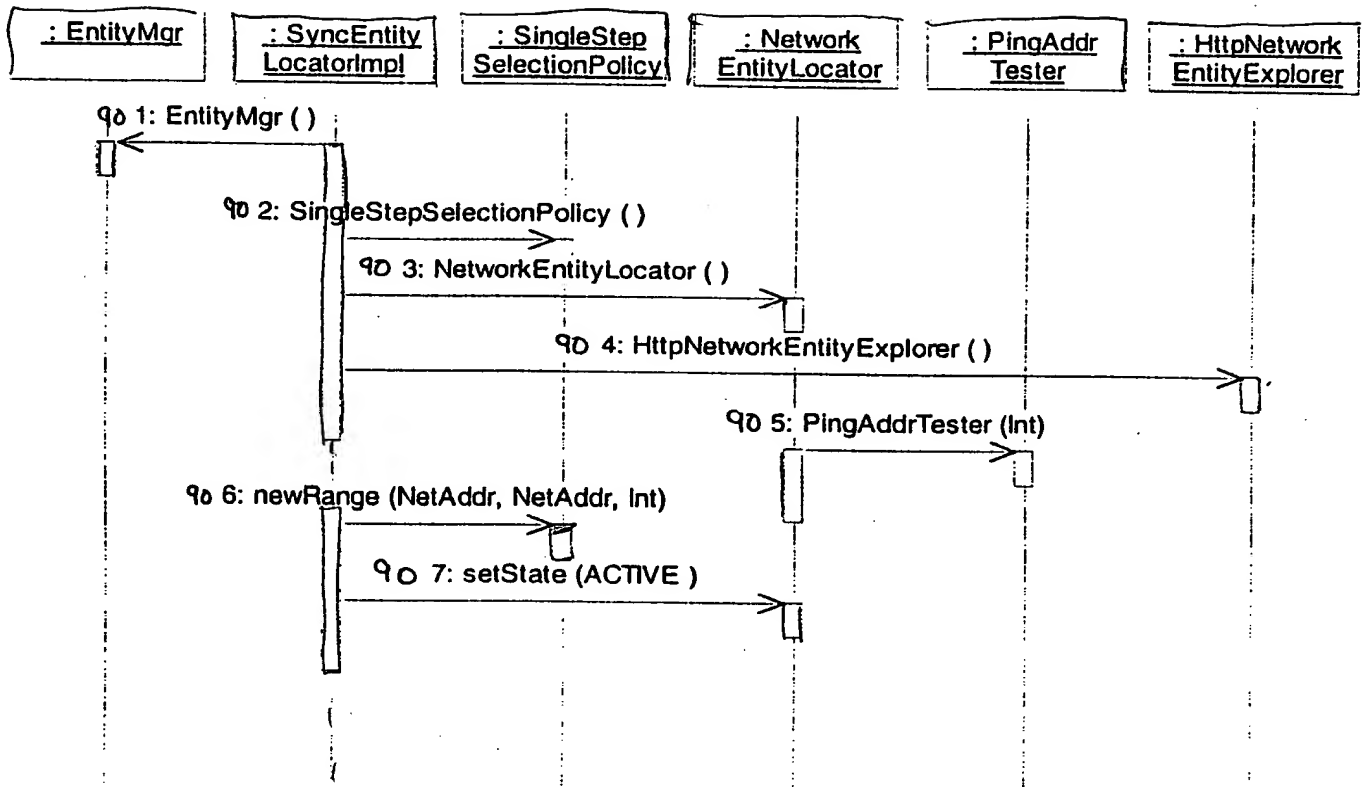


Figure 9 Initialization of the EntityLocator

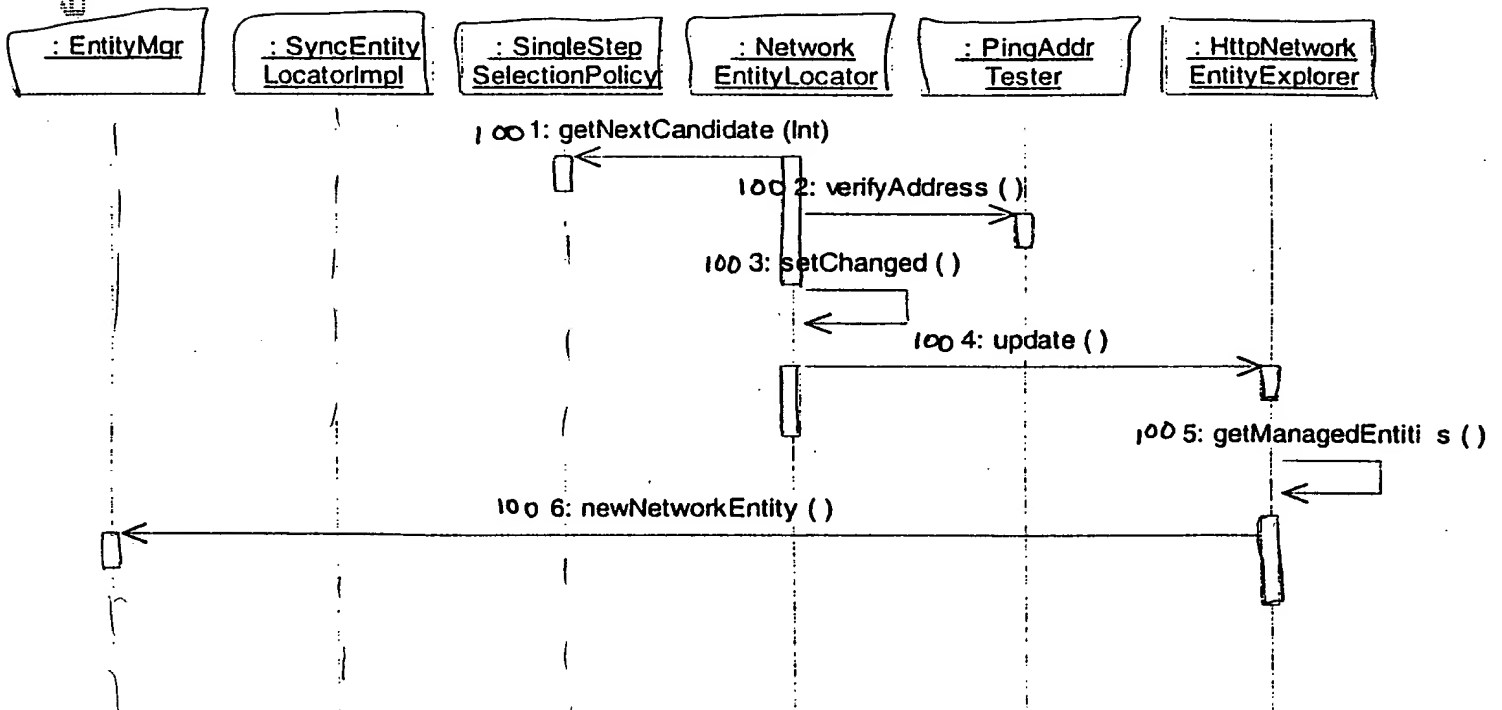


Figure 10 An Iteration in the Location Process

667260-20666660

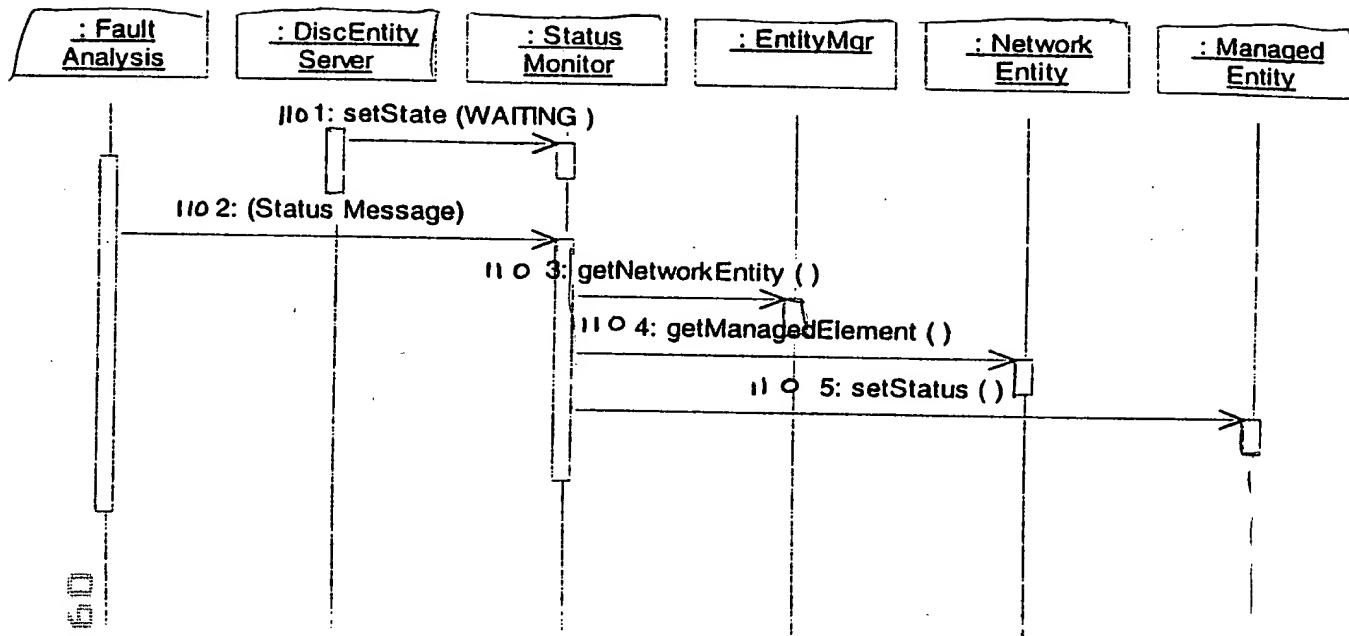


Figure 11: StatusMonitor

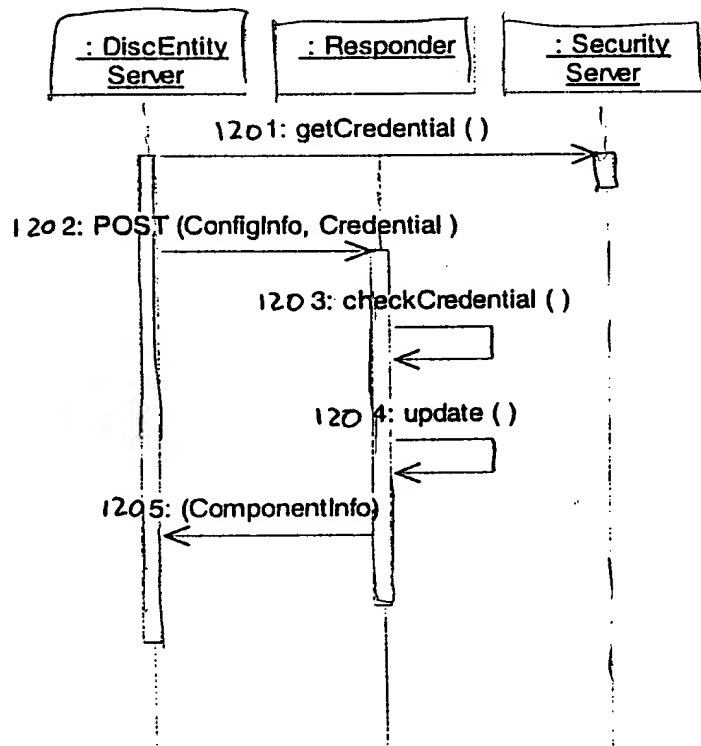


Figure 12: Discovering and Updating a Responder

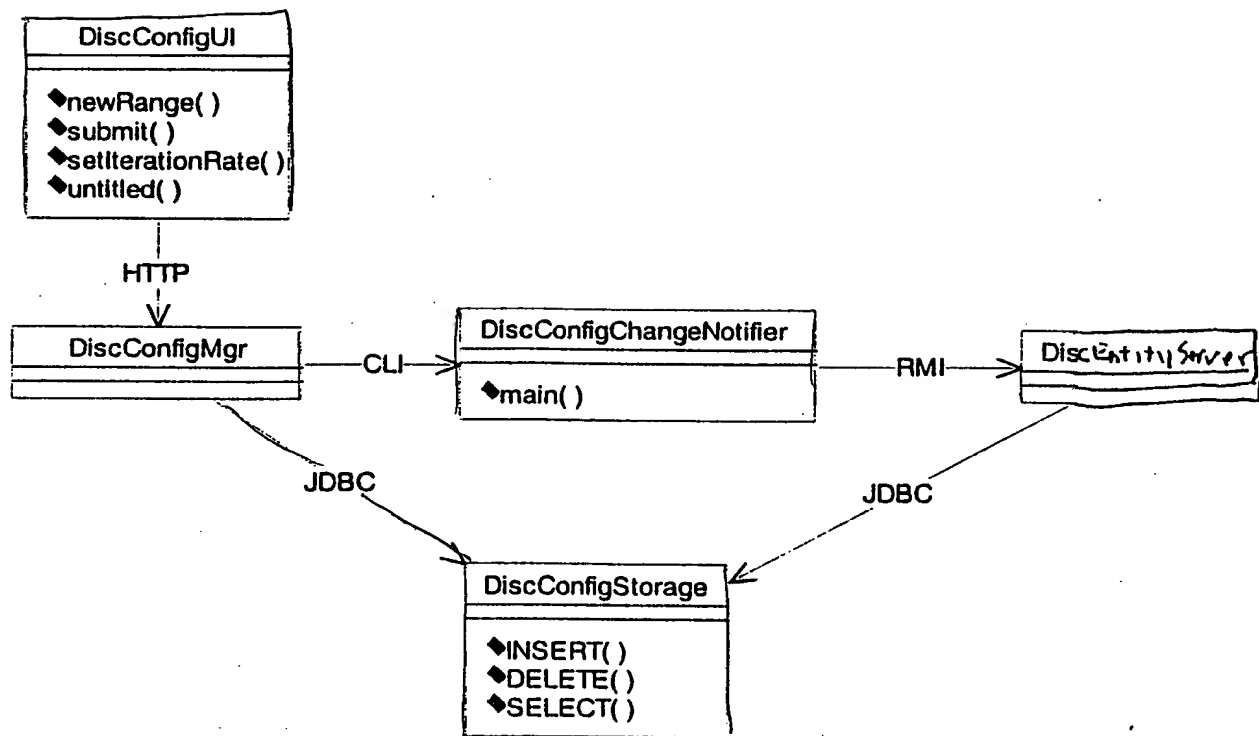


Figure 13. DiscConfig communication methods

667260" 200606E60

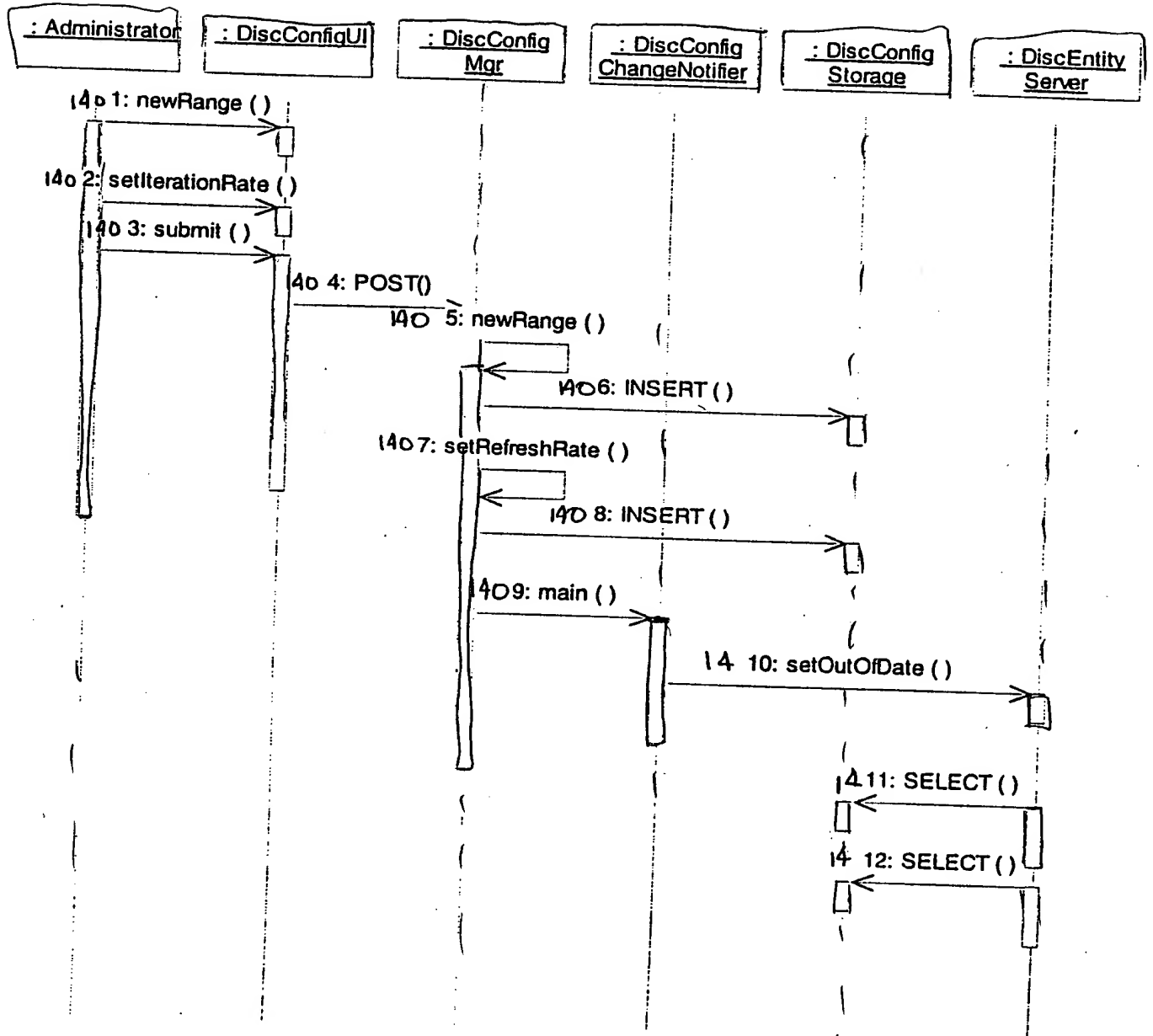


Figure 12. Changing the configuration values
14

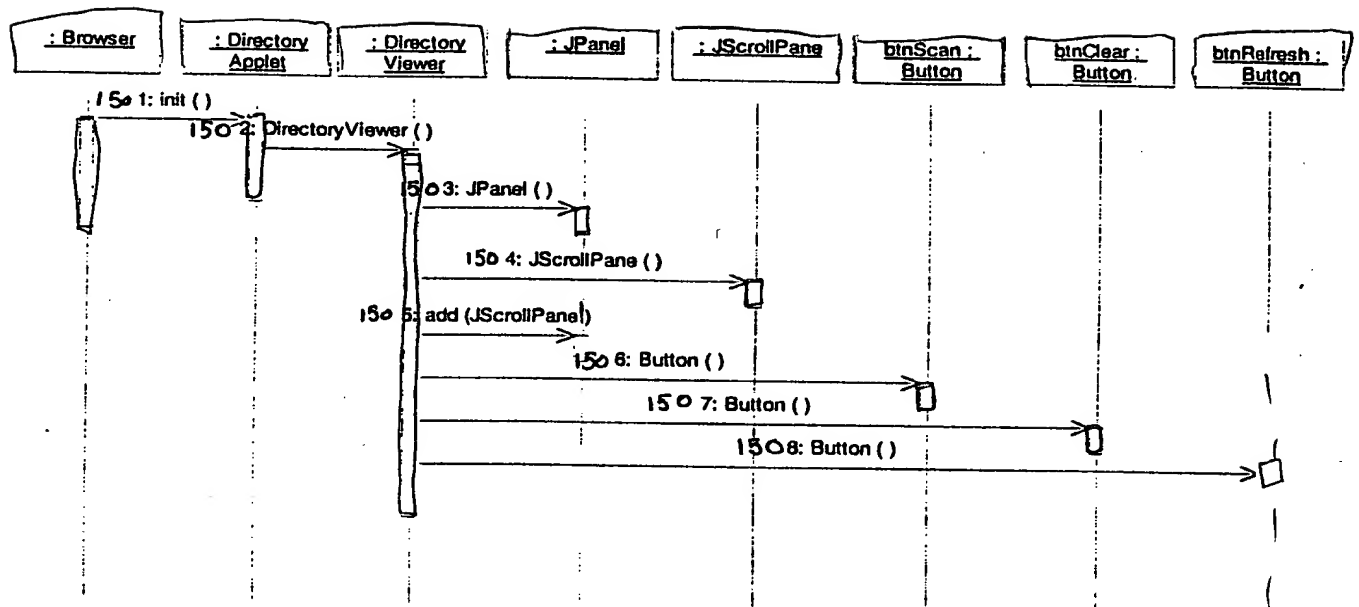


Figure 13 GUI initialization

15

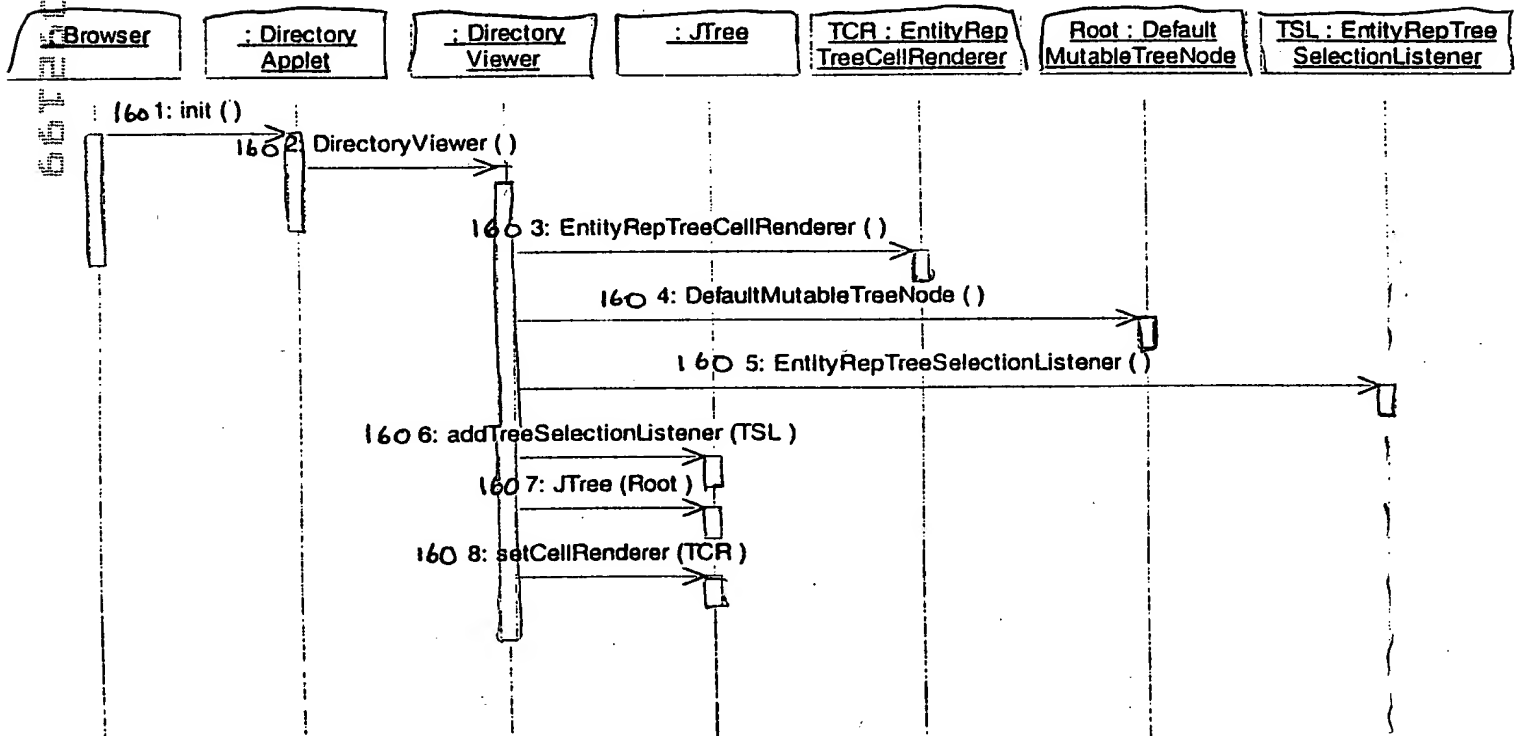


Figure 14 Directory Initialization

16

66720" 20665E60

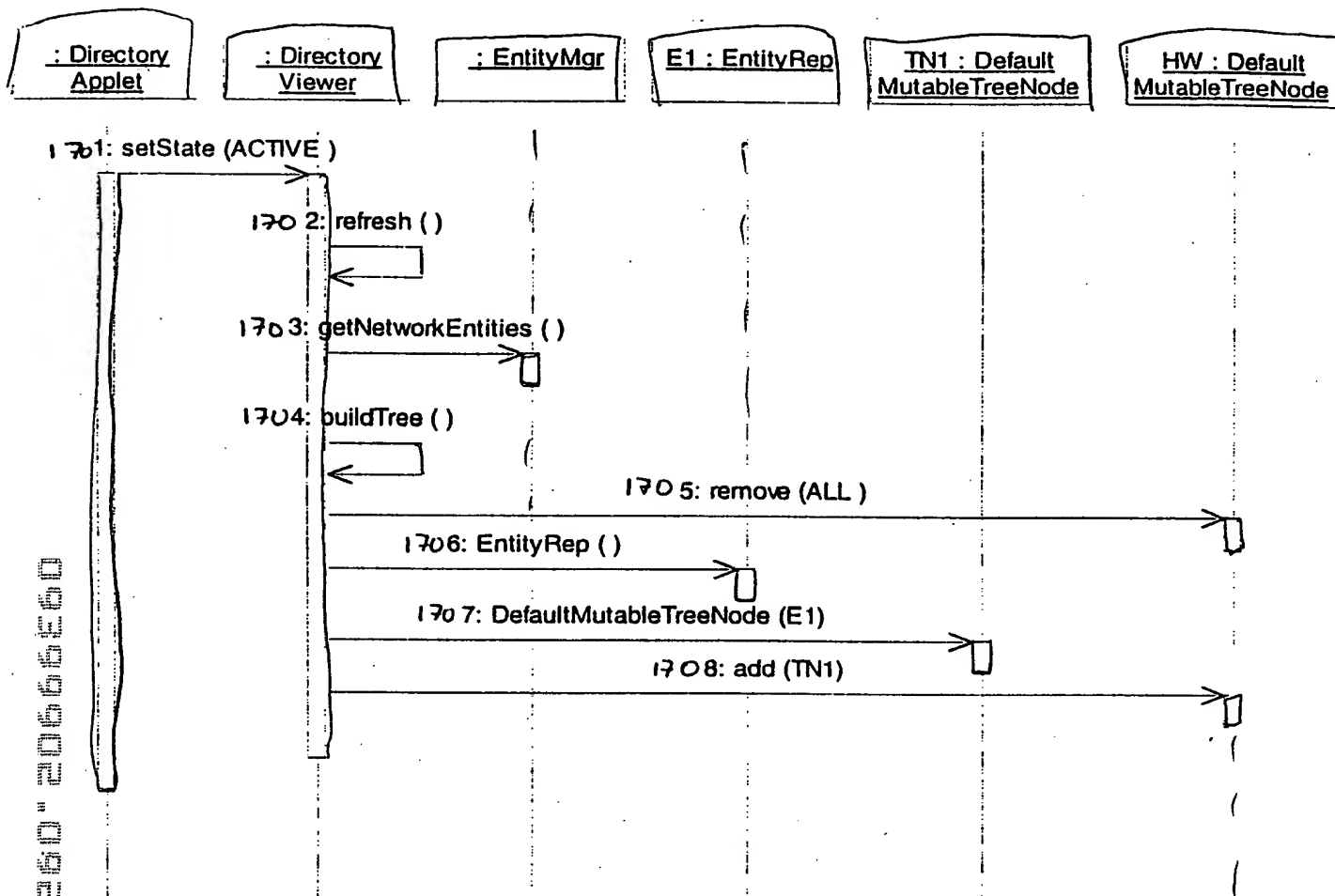


Figure 17 Building the Directory
17

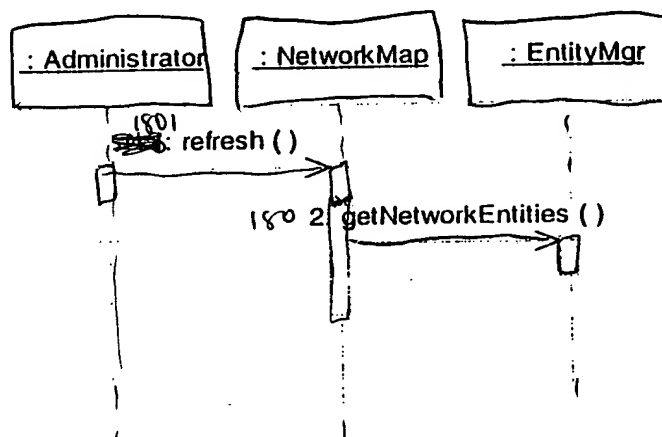


Figure 18A Fetching the list of NetworkEntities
18A

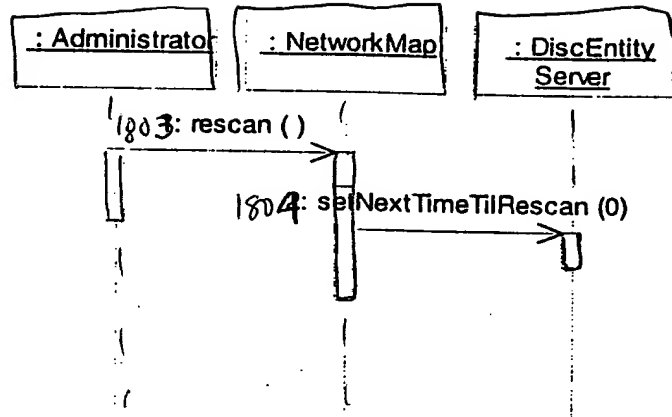
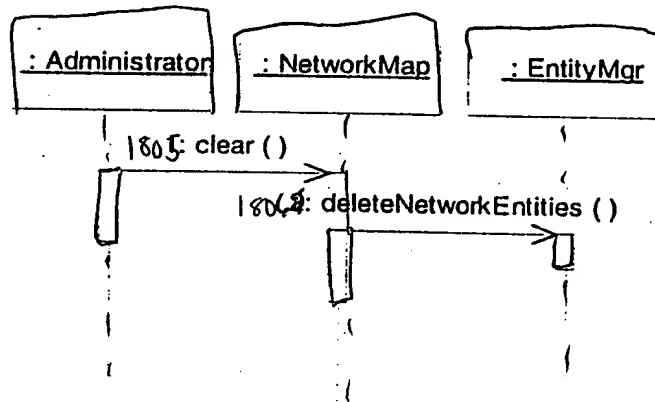


Figure 18B Telling the DiscEntityServer to Rescan the network



18C

Figure 18C Clearing the storage of all found NetworkEntities

5000

HiNet RC 3000 Management - Netscape

File Edit View Go Communicator Help

Back Forward Reload Home Search Netscape Print Security Stop

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SIEMENS 5006 HiNet RC 3000 Management

5008

5002

5004

5006

5008

Summary

Type: H.323 Client

User: proxy1

IP Address: 165.218.33.89

Hostname: gonefishing.eng.sc.rolm

Administrative Links:

View Events

Access Configuration

Commands

Refresh Immediately refreshes the view c

Rescan

Directory

Hardware View ~ 5010

Software View ~ 5012

Server Software ~ 5014

H.323 Clients ~ 5016 ~ 5016a

alexglazov's HiNet RC3000 Client

markc's HiNet RC3000 Client

HiNet RC3000 Client

eddiel's HiNet RC3000 Client

samsonw's HiNet RC3000 Client

5000

5002

5004

5006

5008

Fig. 19A

HiNet RC 3000 Management - Netscape

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SIEMENS 5006 HiNet RC 3000 Management 5004

USA:

IP Address: 165.218.33.89

Hostname: gonefishing.eng.sc.rohm.com

Administrative Links:

- [View Map](#)
- [Current Users](#)
- [Current Calls](#)
- [View Events](#)
- [System Administration](#)
 - Configure Network
 - General System
 - Emergency Alias
 - Dialing Prefixes
 - License Admin
- [User Administration](#)
 - List Users

Software view

H.323 Clients 5016a

proxy1's HiNet RC3000 Client
alexglazov's HiNet RC3000 Client
markc's HiNet RC3000 Client
HiNet RC3000 Client
eddiel's HiNet RC3000 Client
samsonw's HiNet RC3000 Client
suneetha's HiNet RC3000 Client
user1's HiNet RC3000 Client

Server Software

Commands

Refresh Immediately refreshes the view of the map.

Rescan Forces an immediate rescan of the network

Status: Scanning ...

Document Done

Fig. 19B

06T26X5000

HiNet RC 3000 Management - Netscape

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HiNet RC 3000 Management

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Login / Logout

View Network

- View Map
- Current Users
- Current Calls

View Events

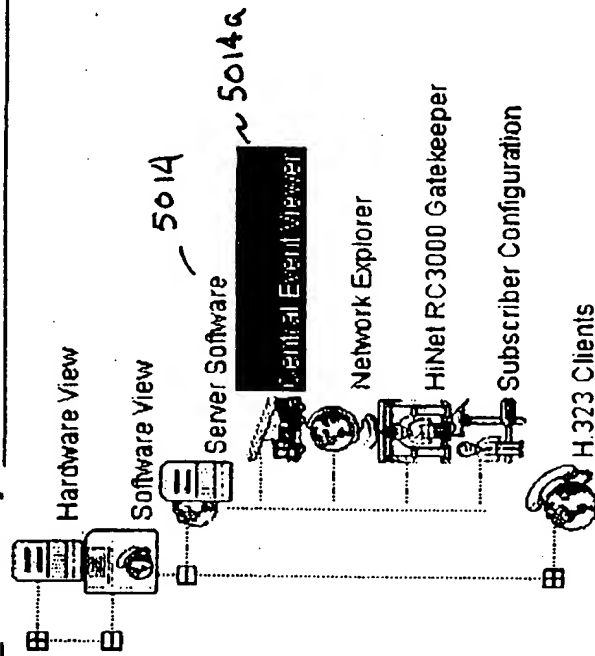
System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users

Directory



Summary

Type: Central Event Viewer
Status: Normal
IP Address: 165.218.33.89
Hostname: gonefishing.eng.sc.rohm
Administrative Links:

[View System Events](#)

Commands

[Refresh](#) Immediately refreshes the view

Fig. 19c

5000 20000000

HiNet RC 3000 Management - Netscape

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Login / Logout

View Network

- View Map
- Current Users
- Current Calls

View Events

System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users

Directory

Hardware View

5010a

gonelishing.eng.sc.rolm.com

5010b

ucdavis.eng.sc.rolm.com

5010c

allima2.eng.sc.rolm.com

oxygen.eng.sc.rolm.com

akia.eng.sc.rolm.com

altos.eng.sc.rolm.com

linlin.eng.sc.rolm.com

gridwood.eng.sc.rolm.com

chin.eng.sc.rolm.com

Summary

Type: Windows NT 4.0

Status: Available

IP Address: 165.218.33.89

Hostname: gonefishing.eng.sc.rolm

Administrative Links:

View Events

Commands

Refresh

Immediately refreshes the view c

Document: Done

Fig. 19D

5000

HiNet RC 3000 Management - Netscape

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HiNet RC 3000 Management

Login / Logout

View Network

- View Map
- Current Users
- Current Calls

View Events

System Administration

- Configure Network
- General System
- Emergency Alias
- Dialing Prefixes
- License Admin

User Administration

- List Users
- Create User
- User Defaults
- Admin Self

Home Page

Help

Current IP address ranges ~ 5050

139.82.10.42	-	139.82.10.42
165.218.32.117	-	165.218.32.117
165.218.32.131	-	165.218.32.131
165.218.32.27	-	165.218.32.27

Remove

Remove All

5070

5072

5054

Add IP Range ~ 5052

Start of Range:

End of Range:

Clear

Add

Runtime Configuration

Minutes between automatic rescans:

10.0

Days until old components are removed:

7.0

Set

Reset

Actions - 5056

Rescan (w/ Clear)

Rescan (w/ Clear)

Pause

Status Messages

5058

Document: Done

Fig. 19c